

## Wilcox Oil Company

- Conducted a site visit
  - Checked for fencing
  - Talked with residents
- Proposed Fence Area: Church Property
- Proposed Residential Sampling
  - 10 properties
    - 2 residential locations are vacant; however, they may move back
    - 1 property included because children live next door
    - Church: vacant, include during RI
  - Grid Sampling
    - Depth intervals
      - 0-2 in: 5 point composite sieved and non-sieved metals; 5 point semivolatiles; center volatile
      - 2-6 in: 5 point composite sieved and non-sieved metals; 5 point semivolatiles; center volatile
      - 6-12 in: 5 point composite metals; 5 point semivolatiles; center volatile
      - 12-24 in: 5 point composite metals; 5 point semivolatiles; center volatile
      - Push to 20' with visual logging
- Residential Meeting Prior to start
  - Map of grid
  - Description of sampling
  - Timeframe for work
  - Timeframe for results
- Site-Wide 'Screen'
  - UVOST push technology (ultra-violet Optical Screening tool)
    - Delineate petroleum, oil and lubricant contaminants in the subsurface
      - Gasoline, diesel, (PAHs)
    - PAH fluorescence—proportional to concentration
    - construct a 3D image
    - Real-time data – adaptive 'seek-n-find' characterization
    - No IDW
  - TarGOST push technology (Tar-specific Green Optical Screening Tool)
    - Delineate coal tars, creosote, heavy crude, tank bottoms
    - fluorescence
    - Focus on higher molecular weight NAPL
    - Real-time data – adaptive 'seek-n-find' characterization
    - 3D image technology
    - No IDW